

## MOLDING OF FASTENINGS HOOKS AND OTHER DEVICES

### Abstract of the Disclosure

Methods of forming mold cavities suitable for hook and loop  
5 fastening are disclosed, along with effective hook construction and  
hook and loop fastener products that have an ultrathin cross-section.

Photochemical techniques are employed to form plates that define  
hook-form mold cavities, and, alternatively, chemical etching is  
employed following preforming of the cavities and machining. Hooks  
10 having three-dimensional tapers with enhanced loop engaging  
characteristics are disclosed. By utilization of special surface  
finishes and tolerances, hook fasteners, having ultrathin cross-  
sections are realized, that pave the way for practical use of touch  
fasteners in a wide range of new areas.

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